

**CERTIFICATION STANDARDS & CORE PLUS DEVELOPMENT GUIDE**  
**PRODUCTION, QUALITY AND MANUFACTURING LEVEL3**

Type of Assignment	Representative Activities
Quality Assurance Engineer	<ul style="list-style-type: none"> <li>● Builds quality characteristics (i.e., performance, cost, durability, safety, ease of use, reliability, maintainability, availability, ease of disposal, simplicity of design, and configuration management) into the designs of the products and services.</li> <li>● Ensures consistency of requirements as they flow down to the component level.</li> <li>● Manages transition through various life-cycle phases.</li> <li>● Influences continuous process-improvement activities.</li> </ul>
Quality Assurance Specialist	<ul style="list-style-type: none"> <li>● Ensures the appropriate quality characteristics have been integrated into the product.</li> <li>● Monitors the products and services through life cycle and the supply chain.</li> <li>● Validates/verifies adherence to specified requirements through test and measurement activities.</li> <li>● Manages/leads quality-assurance activities.</li> </ul>
Manufacturing/Production Engineer	<ul style="list-style-type: none"> <li>● Participates in manufacturing planning.</li> <li>● Builds producibility in designs (tooling, facilities, and products).</li> <li>● Evaluates production capability and capacity of manufacturing processes.</li> <li>● Influences continuous process improvement activities and the design process.</li> </ul>
Manufacturing/Production Specialist	<ul style="list-style-type: none"> <li>● Performs production surveillance.</li> <li>● Monitors schedule and delivery processes.</li> <li>● Manages/leads manufacturing/production readiness reviews.</li> <li>● Manages/leads manufacturing/production processes and resources.</li> </ul>

**Core Certification Standards (Required for DAWIA certification.)**

Acquisition Training	● None required
Functional Training	● <a href="#"><u>PQM 301</u></a> Advanced Production, Quality, and Manufacturing ( <b>R</b> )
Education	● Formal education not required for certification
Experience	● 4 years of acquisition experience in manufacturing, production, or quality assurance

Core Plus Development Guide (Desired training, education, and experience)	Type of Assignment			
Training	QA Eng	QA Spc	Man/Prod Eng	Man/Prod Spc
<a href="#"><u>CLC 019</u></a> Leveraging DCMA for Program Success	✓	✓	✓	✓

<a href="#"><u>CLC 040</u></a> Predictive Analysis and Scheduling			✓	✓
<a href="#"><u>CLC 042</u></a> Predictive Analysis and Quality Assurance	✓	✓		
<a href="#"><u>CLE 007</u></a> Lean Six Sigma for Manufacturing	✓	✓	✓	✓
<a href="#"><u>CLE 021</u></a> Technology Readiness Assessments	✓		✓	
<a href="#"><u>CLL 008</u></a> Designing for Supportability in DoD Systems	✓		✓	
<a href="#"><u>PMT 251</u></a> Program Management Tools Course, Part I	✓	✓	✓	✓
<a href="#"><u>PMT 256</u></a> Program Management Tools Course, Part II	✓	✓	✓	✓
<a href="#"><u>PMT 352A</u></a> Program Management Office Course, Part A	✓	✓	✓	✓
Education				
● Master's degree in business, production management, engineering, or a related field				
Experience				
● At least one 90-day rotational assignment at a contractor and/or government industrial facility that includes experience in quality, manufacturing, engineering, and contracting				

**Notes:**

- 1** The Core Certification Standards section lists the training, education, and experience REQUIRED for certification at this level.
- 2** "(R)" following a course title indicates the course is delivered as resident based instruction.
- 5** When preparing your IDP, you and your supervisor should consider the training, education, and experience listed in the Core Plus Development Guide at this and the lower level(s) if not already completed.